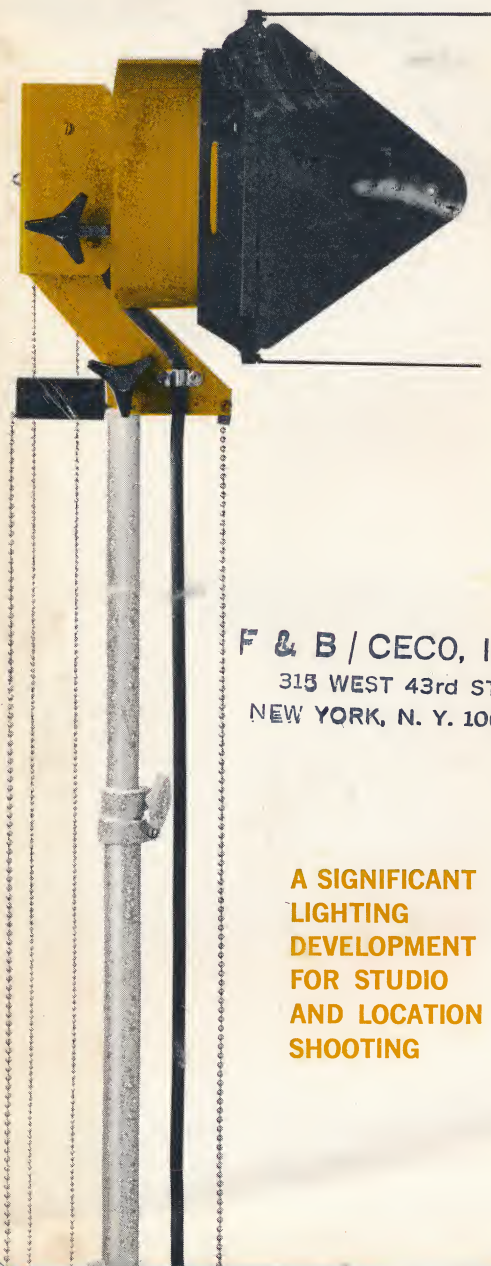


603  
new "remote" control

# LOWELL QUARTZ SYSTEM



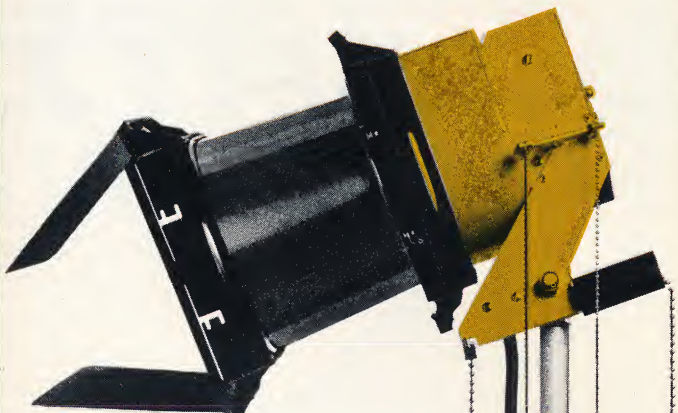
F & B / CECO, INC.

313 WEST 43rd ST.

NEW YORK, N. Y. 10036

A SIGNIFICANT  
LIGHTING  
DEVELOPMENT  
FOR STUDIO  
AND LOCATION  
SHOOTING

## FULL FOCUS AND TILT CONTROL\* EVEN WHEN IT'S OUT OF REACH



The Lowell Quartz System introduces a unique "remote" chain control for precise, minute adjustments of the angle of tilt and degree of brightness. The continuously variable spot-flood and tilt can be operated quickly and easily while the light is fully elevated. It eliminates adjustments by approximation, lowering and re-raising stands and the need for ladders. It saves valuable production time both on the set and on location. When the Lowell Quartz is within reach it can be operated directly by using the large focus and pan knobs and the large, conveniently located tilt handle. They remain relatively cool at all times. "SPOT" and "FLOOD" positions are clearly marked and can be seen at a distance. A special stand has been designed for the Lowell Quartz with three sections, extending the light to over nine feet. The base is extremely wide and stable. The Lowell Quartz is centered on the stand, yet it can be tilted straight down even with accessories attached. Chains are four feet long and can be lengthened or removed for special installations.

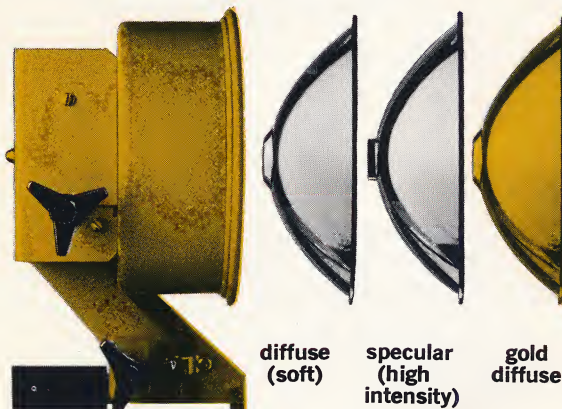
\*"Remote" panning is accomplished by rotation of the stand.

Patent Pending

tilt down →  
spot →  
flood →  
tilt up →  
light weight, sturdy, new stand →  
three wire cable with  
in-line switch and special,  
swing-away ground pin plug. →

## 3 QUICK-CHANGE REFLECTORS

Another unique feature of the Lowell Quartz System is its interchangeable reflectors. The diffuse (soft) reflector produces an extremely even light pattern from extra wide flood to bright spot. This diffuse reflector, which is ideal for most situations, can be replaced in five seconds with a specular (mirror-like) one which produces a small, brilliant area of light at considerable distances (300 foot candles at 40 feet, 25,000 at 5 feet). This reflector converts the Lowell Quartz into a high intensity unit, suitable for long "throws," bounce light and high speed photography. A gold reflector is also available for special color effects. Each reflector can be used with all eight Sylvania Two Pin lamps and all Lowell Quartz accessories.



diffuse  
(soft)

specular  
(high  
intensity)

gold  
diffuse

## 500, 750, 1,000 W. BULBS IN 1 LIGHT



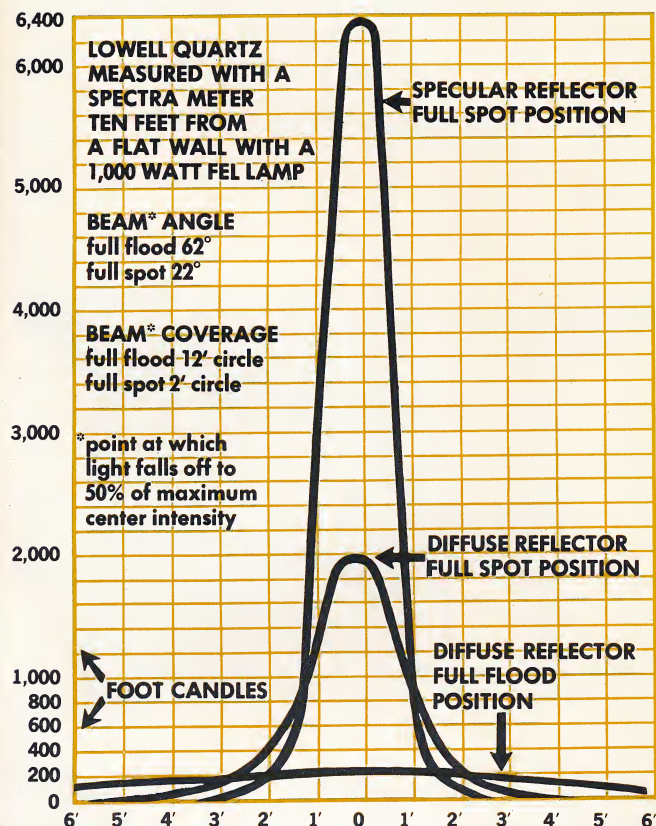
There is only one size Lowell Quartz. It uses eight different bulbs from 500 to 1,000 Watts—the new Sylvania family of interchangeable tungsten halogen lamps. As a result, the correct bulb can be chosen on the basis of the film, subject or amperage requirements, without having to invest in and transport different size housings (heads) and their accessories. All eight bulbs can be used with all three Lowell Quartz reflectors. As with other tungsten halogen (quartz) lamps: 1) they do not require boosting, 2) they do not make any noise, 3) they maintain initial intensity and color temperature, 4) they are so tiny that a large number of them can be carried in a small space. Unlike the double ended quartz lamps, the new two pin type cannot fall out.

A.S.A. CODE	EHD	EBH	EHG	EHF	EHH	EHK	FEL
WATTS	500	500	500	750	750	1000	1000
COLOR TEMP.	3000	3100	3200	3000	3100	3000	3200
LIFE-HOURS	2000	500	150	2000	500	2000	500

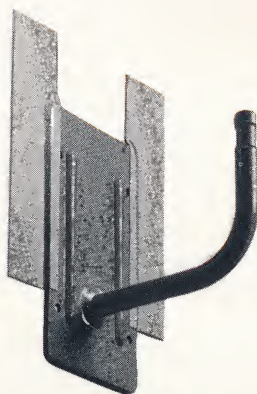


## 7-1 & 23-1 BRIGHTNESS RANGE

The Lowell Quartz diffuse (soft) reflector has a seven to one brightness range. At ten feet, using a 1,000 Watt FEL lamp in full flood position, there are 280 foot candles. The half intensity measurement describes an extremely even circle twelve feet in diameter. This same reflector in full spot position produces 2,000 foot candles and describes a circle only two feet in diameter. The specular (mirror-like) reflector with the same FEL lamp provides 6,400 foot candles at ten feet—a combined brightness range of twenty-three to one.



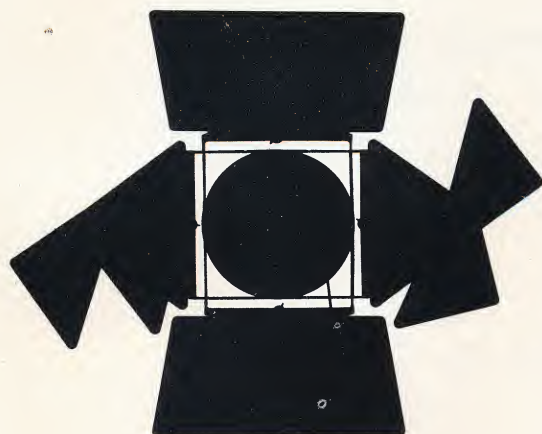
## GAFFER-TAPE WALL MOUNTING



The Lowell Quartz can be taped to most vertical surfaces (walls, windows, beams, etc.) with an accessory tape-up bracket and original Lowell-Light Gaffer-Tape. The tape-up bracket can also be nailed, screwed or clamped to sets. It eliminates stands for backlights and "tight" locations.

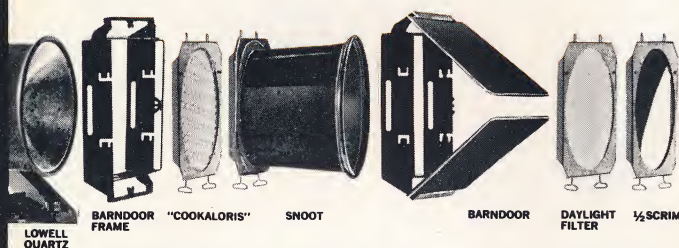


## UNIQUE, NEW BARNDOOR SYSTEM



Lowell Quartz Barndoor flaps are instantly removable, replaceable, interchangeable, extendable. From one to four flaps can be used in any position or relationship. The Barndoor frame snaps directly on and off the Lowell Quartz without special adaptors, rotates effortlessly, can not fall off accidentally, holds Lowell Quartz accessories securely.

## LOCK-IN ACCESSORY SYSTEM



exploded view of one possible combination of accessories

Lowell Quartz's spring action accessories snap in and out of Barndoor frame quickly and easily and can not fall out accidentally. No accessory prevents the use of another. Accessories combine in building block fashion:

- 1) Blue dichroic filter converts Lowell Quartz to daylight (5,500 Kelvin) source, free of excess green transmission.
- 2) Snoot accessory creates smaller circle of light; two are joined together with an extra Barndoor frame.
- 3) Barndoors attach to the end of snoots to increase shadow sharpness of flaps or "cookaloris" accessory.
- 4) "Cookaloris" accessory projects subtle shadow pattern on walls.
- 5) Scrim accessory reduces light approximately 60%.
- 6) 1/2 scrim accessory covers only 1/2 of reflector; can be rotated.
- 7) Soft fill accessory produces soft shadows and highlights—particularly useful on location as diffuse source or fill light.





# LOWELL QUARTZ 4KIT

## CONTENTS:

- 4 Lowell Quartz "remote" control lights (less lamps)
- 4 Complete Lowell Quartz Barndoors

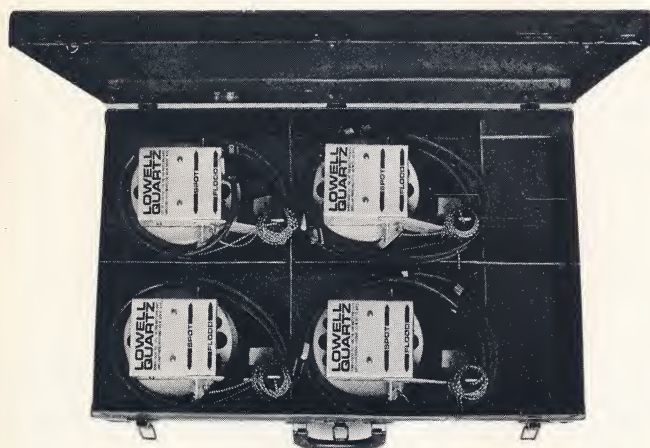
## SPACE FOR:

- An assortment of 500 to 1,000 Watt lamps,
- Daylight filters and extra reflectors
- Tape-up Brackets and Gaffer Tape

**CASE:** Vulcanized fibre with 6 compartments

**SIZE:** 18" x 28" x 7"

**WEIGHT:** 27 pounds



## ABOUT LOWEL-LIGHT & LOWELL QUARTZ

Lowel-Light, during its relatively short existence, has created four "standards" in the photographic lighting field:

- 1) The Lowel-Light, tape-up, clamp-on unit offers unprecedented versatility and compactness with reflector lamps.
- 2) Lowel-Light Gaffer Tape attaches the Lowel-Light to walls and is widely used for other purposes, also.
- 3) The Lowel-Light Barndoor for R40 reflector lamps is so light, compact, and simple that it has made other R40 types virtually obsolete.
- 4) The Lowel-Light Vari-flector is the first portable sun reflector that can be mounted on a stand and the first one that can be "flooded" mechanically to control brightness and area.

This equipment was invented\* by cameraman-director-still photographer Ross Lowell, whose extensive experience is now reflected in the Lowell Quartz System.

\*Patent numbers 3,179,366; 3,140,053; 3,254,207; 3,088,024

## LOWELL QUARTZ PRICE SCHEDULE

Lowell Quartz	LQ5-10	"remote" control light, diffuse reflector*	76.00
Barndoor Frame	LQB1	holds 2 accessories, 4 flaps, additional frame needed to join 2 snoots or to add barndoor to end of snoot, frame only	9.50
Barndoor Flap Set	LQB4	2 large flaps, 2 extendable flaps	12.50
Soft Fill	LQA5	2 special flaps and diffuser	9.50
Snoot	LQA6	5" long, 2 are joined with LQB1	12.50
Scrim 35%	LQA35	transmits approx. 35% of the light	5.80
Scrim 1/2	LQA1/2	covers 1/2 of reflector, rotates	5.80
Cookaloris	LQA7	for soft shadow pattern on walls	5.80
Daylight Filter	LQA8	dichroic coating on Pyrex	38.50
Tape-up Bracket	LQT33	wall mounting with Gaffer Tape, nails, screws, or clamps	12.50
Specular Reflector	LQR92	for high intensity, long "throws" and bounce light	7.50
Gold Reflector	LQR93	for special color effects	7.50
Lowell Quartz Stand	LQS3	9', 3-section, heavy duty, light weight, wide base, 5/8" top stud	34.50
Lowell Quartz 4Kit	LQ4K	see adjacent page for details	385.00
Lowell Quartz 2Kit	LQ2K	see adjacent page for details	345.00
Extension Cable	LQE25	25ft, 3-wire, swing-away ground pin	11.30
500 Watt Bulb	LQ500	EHD, EHB, EHC two pin lamp**	15.50
750 Watt Bulb	LQ750	EHG, EHF two pin lamp**	16.00
1,000 Watt Bulb	LQ1000	EHH, EHK, FEL two pin lamp**	18.50
Gaffer Tape	GT12	original Lowel-Light tape, 12 yds	2.40
Gaffer Tape	GT30	original Lowel-Light tape, 30 yds	3.95

\*Lowell Quartz are supplied without lamps

\*\*for full details about two pin lamps see chart on reverse side

## LOWEL-LIGHT PHOTO ENGINEERING

421 WEST 54th STREET, NEW YORK, N.Y. 10019 • Circle 5-6744

# LOWELL QUARTZ 2 KIT

## CONTENTS:

- 2 Lowell Quartz "remote" control lights (less lamps)
- 2 complete Lowell Quartz Barndoors
- 2 scrims: 35 % and 1/2 scrim
- 1 snoot
- 1 tape-up bracket for wall mounting
- 1 30yd. roll of Lowell-Light Gaffer Tape
- 2 heavy duty, Lowell Quartz Stands
- 2 25-foot extension cords
- 2 extra reflectors—specular and gold

## SPACE FOR:

- An assortment of 500 to 1,000 Watt lamps
- Daylight (dichroic) filters
- Clamps, staple gun

**CASE:** Vulcanized fibre with 6 compartments

**SIZE:** 18" x 36" x 7"

**WEIGHT:** 35 pounds

